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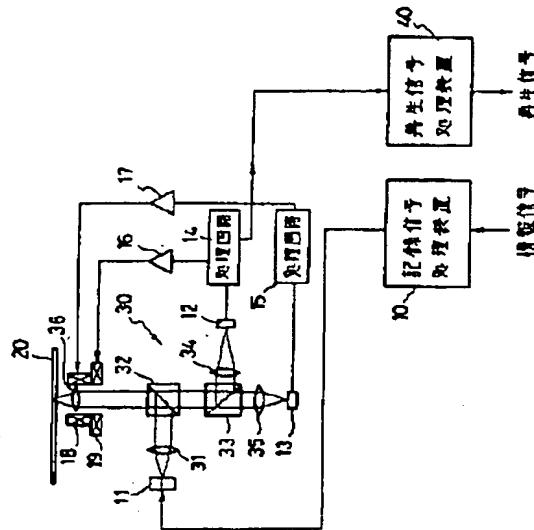
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TITLE : INFORMATION REPRODUCING
 DEVICE.



ABSTRACT : PURPOSE: To suppress a reproduced jitter within a range having no trouble practically and to correctly reproduce the recorded information by conducting the reproduction by using a demodulation clock corresponding to a recording pulse when the information is recorded on a recording medium.

CONSTITUTION: A semiconductor laser 11 corresponding to a processing signal output from a recording signal processor 10 irradiates an optical disk 20 through an optical system 30 and the recording of multivalued information is conducted. At a reproducing time, the laser beam for regeneration irradiates an optical system 20 and the reflected light is made incident on a photoelectric conversion element 12 with the optical system 30. The output signal is inputted in the regenerative signal processor 40 through the processing circuit 14 and the multivalued information is reproduced and the regenerative signal is outputted to the control circuit. On the other hand, in the device 40 the demodulation clock to modulate the recording pulse is formed by using the modulation clock and by synchronizing it, the signal level of the regenerative signal is detected to conduct the reproduction.

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